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**Li et al.**

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(54) **SLURRY DISTRIBUTOR, SYSTEM AND METHOD FOR USING SAME**

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(58) **Field of Classification Search**

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(57) **ABSTRACT**

A slurry distribution system can include a feed conduit and a distribution conduit in fluid communication therewith. The feed conduit can include a first feed inlet and a second feed inlet disposed in spaced relationship thereto. The distribution conduit can extend generally along a longitudinal axis and include an entry portion and a distribution outlet in fluid communication therewith. The entry portion is in fluid communication with the first and second feed inlets of the feed conduit. The distribution outlet extends a predetermined distance along a transverse axis, which is substantially perpendicular to the longitudinal axis. The slurry distribution system can be placed in fluid communication with a gypsum slurry mixer adapted to agitate water and

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